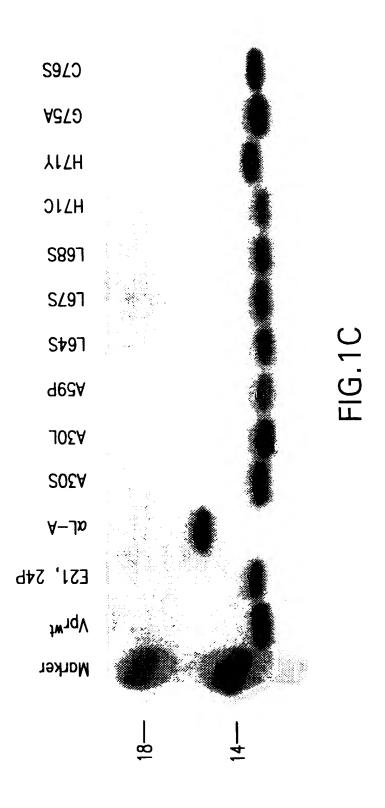
44 54 0		96
PRIWLHSLGQ DPRLLTALGN PRFI TFOWN	RIGIIQQRRT RIGQPGGGNP GEGHGPGGWR	
ELKN EA VRHF ELKEEALKHF AINREAVNHL	IHFRIGCRHS MHFRGGCIHS MHFKKGCTCR	
PNDWTLELLE WDEWVEVLE AFDWLDRTVE	ILQQLLF ILQRALF YLCLMQKAVF	
EDQGPQR.EY ENEGPQR.EP GNSGEETIEE	TGVEALIR EGAGELIR GMSRSYTKYR	
1 MEQAP EDQGPQR.EY PNDWTLELLE ELKNEAVRHF PRIWLHSLGQ 1 MEERPP ENEGPQR.EP WDEWVVEVLE ELKEEALKHF DPRLLTALGN 1 MTNPRETIPP GNSGEETIEE AFDWLDRTVE AINREAVHL PRFI TFONMO	45 HIYETYGDTW TGVEALIRILQQLLF IHFRIGCRHS RIGIIQQRRT 89 46 HIYNRHGDTL EGAGELIRILQRALF MHFRGGCIHS RIGQPGGGNP 90 51 RSWRYWHDEQ GMSRSYTKYR YLCLMQKAVF MHFKGCTCR GEGHGPGGWR 100	90 RNGASKS Vpr 91 LSAIPPSRSM L Vpx 101 SGPPPPPPG L
HIV1-Vpr HIV2/SIV-Vpr HIV2/SIV-Vpx	HIV-Vpr HIV2/SIV-Vpr 46 H HIV2/SIV-Vpx 51 R	HIVI-Vpr HIV2/SIV-Vpr HIV2/SIV-Vpx 10

FIG.1A

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Vpr wt	MEQAPEDOGPOREPYNDWTLELLEELKNEAVRHFPRIWLHSLGQHIYETYGDTWTGVEALIRILQOLLFIHFRIGCRHSRIGIIOHRRTRNGASKS
EC1.24P	
αl -A	, , , , , , , , , , , , , , , , , , ,
A.305	
1000	
ASUL	
A59P	
1 6 40	
L043	
1675	
0 0 0	
Logs	
H71C	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
17.10	
H/1Y	
C75A	
۲ 2	
292	**************************************
HYB2	MECLAPEDOGROREPYNDWTLELLEELKNEAVRHFPRIWLHSLGOHIYETYGDIWIGVFAI IRII OOLI FILLEOMINVST
	CAMAD III GIANA COLUMNA COLUMN

FIG. 1E



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RRTRNGASKS
HFRIGCRHSRIG110QR EHEE E - EEE
TWTGVEAL IRILQQLLFIHFRIGCRHSRIGIIQQRHHHHHHHHHHHHHHHHHHEHEEE-EEEHHHHHHHH
4SLGQH1YETYGDTWT 4
MEQAPEDOGPOREYPNDWTLELLEELKNEAVRHFPRIMLHSCHOLISTYGTYGDTWTGVEALIRILOQULFIHFRIGCRHSRIGIIQORRTRNGASKS HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH
3PQREYPNDWTLELLE
Vpr MEQAPEDQC Vpr E21,24P

FIG. 1D

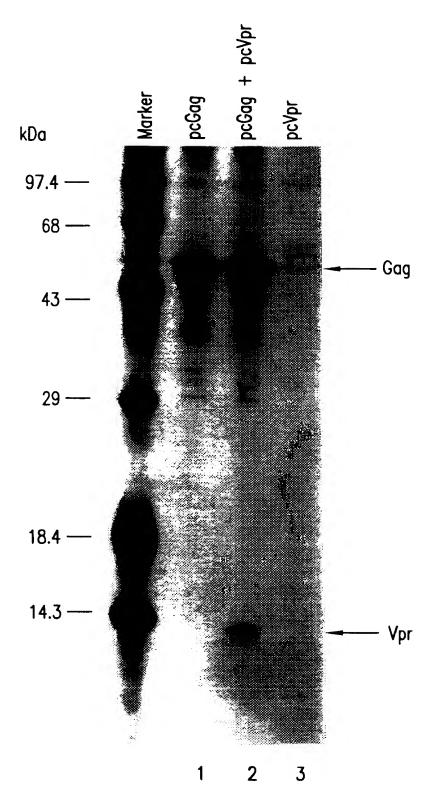


FIG.2

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FIG.3A



FIG.3B



FIG.3C



FIG.3D



FIG.3E



FIG.3F



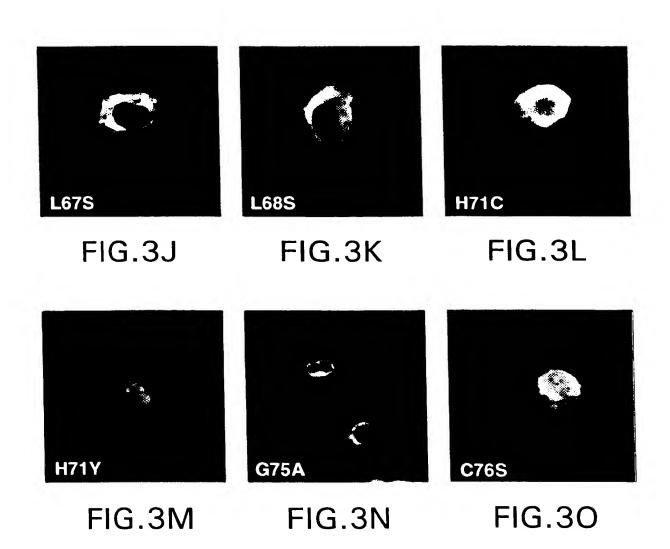
FIG.3G

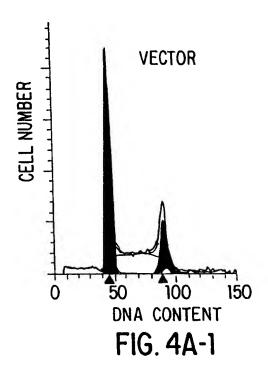


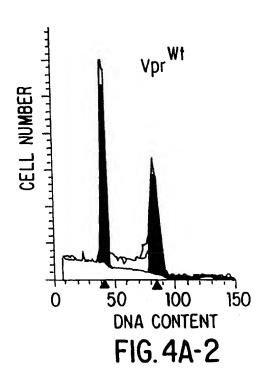
FIG.3H

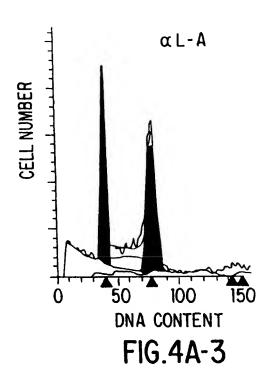


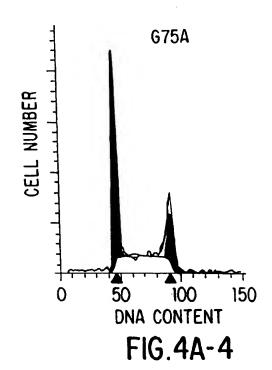
FIG.31











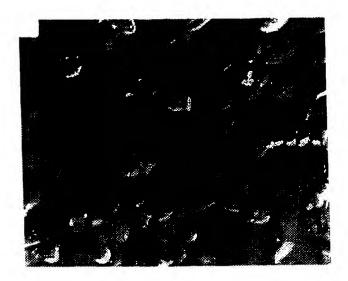


FIG.4B-1

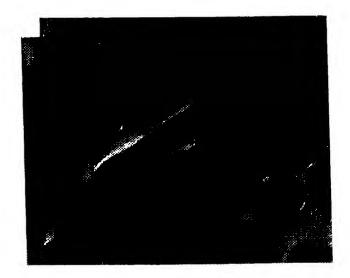
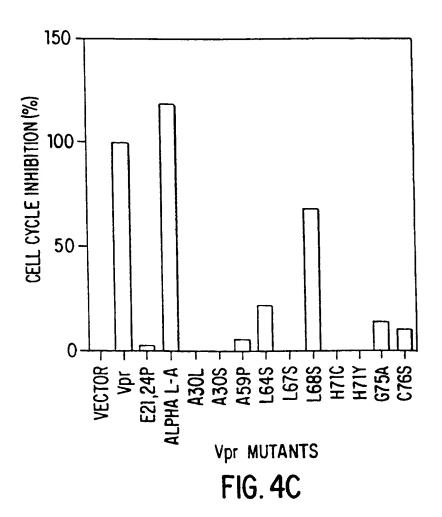


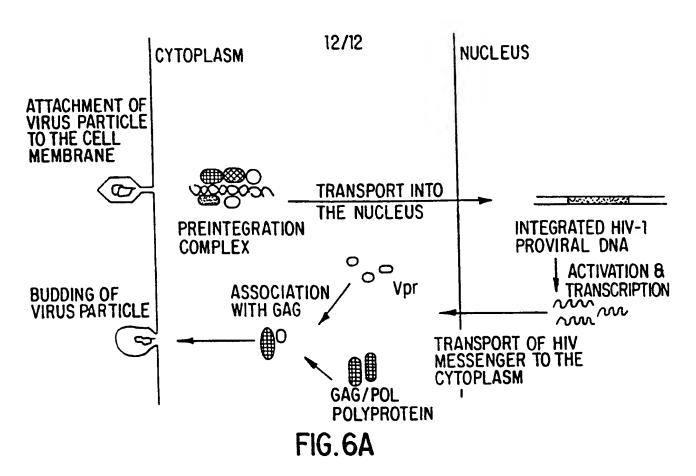
FIG.4B-2



Function

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Nuclear localization Nuclear localization Cell cycle arrest Virion incorporation PEDOGPQREPYNDWTLELLEELKNEAVRHFPRIWLHSLGQHIYETYGDTWTGVEALIRILQQLLFIHFRIGCRHSRIGIIQHRRTRNGASKS C-terminal domain LR domain gェ Ø α-helix <u>ا</u> ا



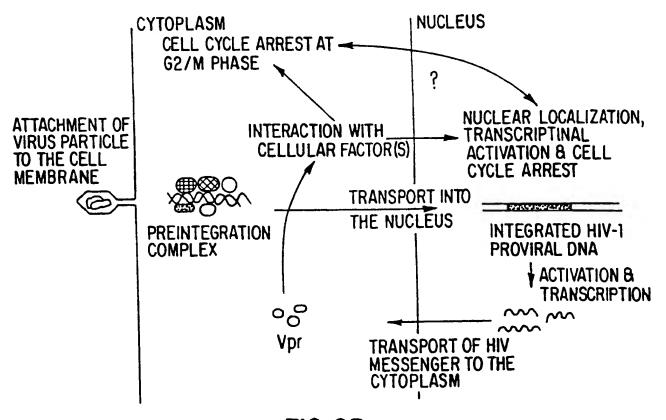


FIG. 6B

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